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SERVICE INFORMATION

GENERAL INSTRUCTIONS

- The crankcase must be separated to repair the crankshaft, connecting rod, kick starter, spindle and spring, transmission and balancer.
- Remove the following parts before separating the crankcase.
 - ENGINE REMOVAL Section 5
 - CYLINDER HEAD Section 6
 - CYLINDER/PISTON Section 7
 - CLUTCH/OIL PUMP Section 8
 - AC GENERATOR Section 9

TORQUE VALUES

Upper crankcase	6 mm bolt	10-14 N·m (1.0-1.4 kg-m, 7-10 ft-lb)
	8 mm bolt	22-28 N·m (2.2-2.8 kg-m, 16-20 ft-lb)
Lower crankcase	6 mm bolt	10-14 N·m (1.0-1.4 kg-m, 7-10 ft-lb)
	9 mm bolt	27-33 N·m (2.7-3.3 kg-m, 20-24 ft-lb)
	10 mm bolt	32-38 N·m (3.2-3.8 kg-m, 23-28 ft-lb)
Balancer lock bolt		22-28 N·m (2.2-2.8 kg-m, 16-20 ft-lb)
Cam chain tensioner		10-14 N·m (1.0-1.4 kg-m, 7-10 ft-lb)